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TRADEMARK OFFICE

Patent
Case No.: 56506US002

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First Named Inventor: BRENNAN, JAMES F. III
Application No.: 09/809393 Group Art Unit: 2882
Filed: March 15, 2001 Examiner: Michael H. Caley
Title: WIDE-BANDWIDTH CHIRPED FIBER BRAGG GRATINGS
WITH LOW DELAY RIPPLE AMPLITUDE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

January 30, 2003
Date

Signed by: Tom Sanders

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. A copy of each cited reference is also enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

This Information Disclosure Statement is being mailed after receipt of a first Office Action on the merits, but prior to the mailing of a Notice of Allowance under 37 CFR § 1.311. Please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p) to Deposit Account No. 13-3723, and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

Date

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

By:

Nestor F. Ho, Reg. No. 39,460
Telephone No.: 512-984-7443

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 1 of 1

Application Number

56506US002

Filing Date

March 15, 2001

First Named Inventor

Brennan, James F. III

Art Unit

2882

Examiner Name

Michael H. Caley

Attorney Case Number

56506US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
	B1						
	B2						
	B3						
	B4						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	FECED, R., and ZERVAS, M.N., "Effects of Random Phase and Amplitude Errors in Optical Fiber Bragg Gratings", <i>Journal of Lightwave Technology Letters</i> , Vol.18, No.1, January 2000; pp. 90-101
	C2	NIEMI, T., et al, "Measurements of Dense Group Delay Ripple Using the Phase Shift Method: Effect of Modulation Frequency", <i>Conference: Proceedings of Symposium on Optical Fiber Measurements, Sponsor: NIST, IEEE Lasers & Electro-Opt. Soc, Opt.Soc.America</i> , 26-28 Sept. 2000; Boulder, CO; pp. 165-167
	C3	NIEMI, T., et al, "Limitations of Phase-Shift Method in Measuring Dense Group Delay Ripple of Fiber Bragg Gratings", <i>IEEE Photonics Technology Letters</i> , Vol.13, No.12, December 2001; pp.1334-1336
	C4	
	C5	
	C6	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.